



## Can I mail a lithium battery?

In the next section, we'll go over USPS limitations and requirements for mailing these batteries. The Postal Service allows limited quantities of lithium batteries to be mailed domestically (within the U.S.) as long as certain conditions are met. Here are the key rules and restrictions to be aware of:

### Can a lithium battery be attached to a mailpiece?

Except for mailpieces containing button cell batteries properly installed in the equipment they are intended to operate, mailpieces containing mailable lithium metal or lithium-ion batteries must be rigid, sealed, and of adequate size, so the lithium battery mark can be affixed to the address side without the mark being folded.

### Can a lithium battery be shipped?

Lithium batteries that power up scooters, hover boards, electric skateboards, and e-bikes exceeding 100 Wh (Watt hours) cannot be shipped. Devices such as cellphones, watches, and vape with a single cell over 20Wh per cell cannot be mailed. Multiple cell batteries inside the housing or casing exceeding 100Wh for each battery are nonmailable.

### How do I ship a lithium battery?

USPS has official instructions and guidelines for shipping batteries. ShipSaving helps you to highlight the following information: All packages containing lithium metal or lithium-ion batteries that can be mailed must be of sufficient size, sealed, and rigid. This ensures that the lithium battery mark can be affixed to the address without folding.

### Does USPS accept lithium batteries?

The USPS has revised its hazardous materials shipping regulations, restrictions and guidance--Publication 52, better known simply as Pub 52--to further restrict how the service accepts and transports lithium battery devices. (Standalone batteries are not subject to these new rules.) There are two important new restrictions:

### How do you mark a mailpiece with a lithium battery?

Except for mailpieces containing button cell batteries properly installed in the equipment they are intended to operate, mailpieces containing lithium metal batteries must be rigid, sealed, and of adequate size, so the mark

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can be affixed to the address side without the mark being folded.



You can only send a maximum of 2 lithium batteries or 4 lithium cells, regardless of whether they are lithium metal or lithium-ion batteries. What products we cannot ship with lithium batteries Generally, we are unable to ship E-bikes containing lithium ion batteries as they are over 100 wh in size, we are not accredited to ship this size of



When shipping lithium batteries, the responsibility for safe and compliant shipping rests with you as the shipper. You are legally obligated to follow all relevant regulations, such as UN3480 and UN3481. How to ship large items fast. October 25, 2024 3 min read. What is import duty? A guide to import tax and shipping duties. October 24

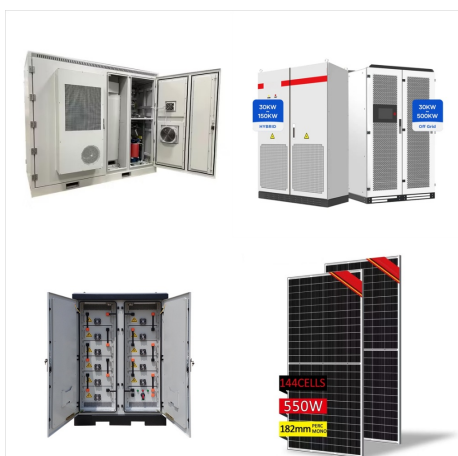


What to Know About Shipping Lithium Batteries by Air. While classified as a dangerous good, lithium battery shipping takes very specific requirements. that you can find inside the Dangerous Goods Regulations. However, if you only ship lithium batteries you can purchase the Lithium Batteries Shipping Regulations as a standalone manual. Knowing

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When shipping items with lithium batteries, there are a few vital rules you will need to know to ensure your packages get to their destination safely. Though lithium batteries cannot be shipped with labels purchased through our carrier accounts (USPS, UPS, FedEx), you can still ship lithium batteries by shipping with one of our many other



When mailing lithium batteries, UPS recommends using a Priority Mail Flat Rate Box. These boxes have internal padding, so the risk of damage to the batteries and loss of power is minimized. The following items are required for shipping lithium batteries:



1. Is the lithium battery rechargeable? a. If the answer is yes, it is a lithium-ion (polymer) battery and you must: (1) Refer to UN3480 for lithium-ion batteries packaged without equipment. (2) Refer to UN3481 for lithium-ion batteries packaged with or in equipment. b. If the answer is no, it is a lithium metal (alloy) battery and you must:

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Lithium batteries are commonly used in devices like mobile phones, laptops, PDAs, watches, cameras, and even children's toys. Lithium battery shipments or shipments with items that contain charged batteries may overheat and ignite in certain conditions and, once ignited, may be ???



lithium battery shipping class in order to better understand these complex regulations and meet DOT/ICAO/IATA/IMDG/ USPS requirements. FedEx Ground offers an economical lithium battery shipping on-line course to help you meet this requirement for ground shipping. Please contact the Dangerous Goods hotline at 800-GOFEDEX, Option 81 for more



Lithium battery consignment means one or more mailpieces containing lithium batteries, entered into USPS networks by one mailer or mail service must bear the "Watt-hour" or "Wh" marking on the battery to determine if it is within the limits defined in items 1 and 2. Each cell or battery must meet the requirements of each test in the



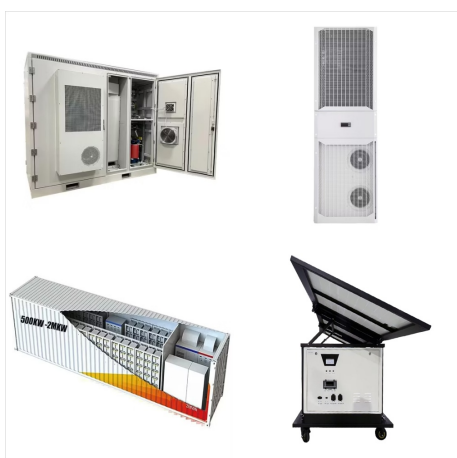
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Hazmat Class 9 covers miscellaneous hazardous materials, including items prone to overheating and flammability. Li-ion batteries are particularly significant in this category due to their fire hazard potential and vulnerability to overheating. Lithium-Ion battery shipping regulations. When shipping L i-ion batteries via air, sea, rail, or



1. Unless otherwise prohibited by the international destination country or specific APO/FPO/DPO ZIP Code location. 2. Used, damaged, defective, or recalled lithium batteries and used, damaged, or defective electronic devices containing or packaged with lithium batteries are prohibited and may not be mailed internationally or to, from or between APO, FPO, or DPO locations under ???

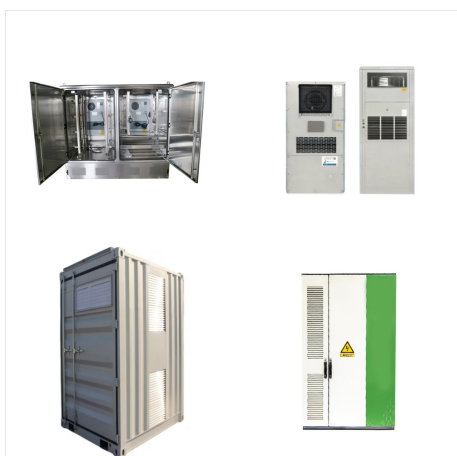


If you're planning on shipping lithium batteries, there are certain regulations and requirements you'll have to follow. Some of these include: Lithium batteries weighing more than 35kgs must be approved by the national authority before shipment; Defective or damaged lithium batteries must not be transported

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For more information on shipping new or manufacturer refurbished products with lithium batteries read USPS Pub 52, Section 349. Check for other common hazardous items Other commonly missed items that require special packaging are perfumes, nail polish, hairspray, cleaning supplies, firearm accessories, knives, swords, lighters, auto accessories



Label packages containing batteries with no more than 2 g of lithium content per battery and 1 g or less of lithium content per cell with the "PRIMARY LITHIUM BATTERIES ???FORBIDDEN FOR TRANSPORT ABOARD PASSENGER AIRCRAFT" or "LITHIUM METAL BATTERIES ??? FORBIDDEN FOR TRANSPORT ABOARD PASSENGER AIRCRAFT" label only.



4 ??? Lithium metal (LiM) ??? are generally non-rechargeable (primary, one-time use). ??? have a longer life than standard alkaline batteries ??? are commonly used in hearing aids, wristwatches, smoke detectors, cameras, key fobs, children's toys, etc. LITHIUM BATTERY TYPES There are many different chemistries of lithium cells and batteries, but for transportation purposes, all lithium ???

# MAILING ITEMS WITH LITHIUM BATTERIES



LITHIUM BATTERY SHIPPING GUIDE . JANUARY 1, 2023 . The following guide provides a summary of marking, labeling and paperwork requirements for shipping lithium batteries via domestic US ground (49 CFR 171-180 in effect 1-Jan-2023), international air (2023 IATA DGR, 64th Edition) and international



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Here are some examples of items that come with lithium-ion batteries already pre-installed inside:  
Video game controllers; Certain video game consoles (for example, the Nintendo Switch)  
Laptops; I'm more knowledgeable about shipping lithium ion batteries within and from the United States, rather than importing them from a foreign country



Note. Effective 1 July 2015, all existing customers and new customers who wish to ship lithium metal batteries without equipment (UN3090) via UPS (R) Air services must obtain pre-approval from UPS Airlines. This requirement is to ensure that proper training has taken place and that all applicable safety regulations are properly followed for such shipments.



When shipping lithium batteries, businesses must comply with U.S. Department of Transportation (DOT) standards and Pipeline and Hazardous Materials Safety Administration (PHMSA) standards for preparing shipments ???



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You mail all items at your own risk. Among other exceptions and limitations that may apply, we make no coverage for damages available for shipments containing electronic goods that you ship in any packaging other than: If the electronic goods have lithium batteries, they must meet our requirements for domestic ground/surface mailing of



While most lithium batteries are safe, some have overheated and caught fire. Once ignited, they can cause any nearby batteries to overheat and catch fire. These fires are difficult to put out and produce toxic and irritating fumes. You should keep in mind certain risks when shipping lithium batteries or items containing them:



This includes alkaline batteries, nickel-cadmium batteries, nickel-metal-hydride batteries, and lithium-ion batteries. However, there are some restrictions. You cannot mail button or coin cell batteries, such as those used in watches and hearing aids.

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Lithium polymer batteries: These lightweight, flexible batteries are starting to replace traditional lithium-ion packs in some applications. They have a lower risk of fire and explosion, which could potentially ease shipping restrictions in the future.

Smart battery management systems: Some high-end toys now include smart BMS chips that monitor the ???



I am trying to avoid items with non-removable lithium batteries now especially if they are second hand items because its just not worth it, the batteries die to fast and the customers are not happy. So, that's why I'm looking for alternative shipping/packaging methods to use, for shipping Lithium batteries. Reply reply



On top of that, you could also end up paying regulatory fines or losing shipping privileges if battery shipping regulations are violated. Due to such risks, lithium batteries are classified as Class 9 dangerous goods, while other ???